GIS REGISTRY INFORMATION

SITE NAME: CASCO MIDDLE SCHOOL

BRRTS #: 03-31-001684 **FID # (if appropriate):**

COMMERCE # (if appropriate):

CLOSURE DATE: 07/16/2004

STREET ADDRESS: 619 CHURCH AVENUE

CITY: CASCO

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): **X=** 709134 **Y=** 455840

CONTAMINATED MEDIA: Groundwater [ ] Soil [ ] Both [X]

OFF-SOURCE GW CONTAMINATION >ES: [ ] **Yes** [X] **No**

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): **X=** **Y=**

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): [ ] **Yes** [X] **No**

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): **X=** **Y=**

CONTAMINATION IN RIGHT OF WAY: [ ] **Yes** [X] **No**

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued	X
Copy of most recent deed, including legal description, for all affected properties	X
Certified survey map or relevant portion of the recorded plat map *(if referenced in the legal description)* for all affected properties	NA
County Parcel ID number, *if used for county*, for all affected properties	X
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	X
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	X
Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	X
GW: Table of water level elevations, with sampling dates, and free product noted if present	X
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	X
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	X
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	X
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	NA
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	NA
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	X

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
1125 N. Military Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5800
FAX 920-492-5913
TTY Access via relay - 711

July 16, 2004

Luxemburg-Casco School District
Attn.: Patrick Saunders
P.O. Box 70
Luxemburg, WI 54217

SUBJECT: Final Case Closure By Closure Committee With Conditions Met
Casco Middle School, 619 Church Avenue, Casco, Wisconsin
WDNR BRRTS # 03-31-001684

Dear Mr. Saunders:

On March 5, 2004, your site as described above was reviewed for closure by the Northeast Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On March 23, 2004, you were notified that the Closure Committee had granted conditional closure to this case.

On July 16, 2004, the Department received correspondence indicating that you have complied with the conditions of closure (soil and groundwater GIS registry, monitoring well abandonment and deed restriction filed). Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time. Furthermore, the NR 140.28 PAL exemption described in the conditional closure letter dated March 23, 2004 is now in effect.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm If your property is listed on the GIS Registry due to groundwater contamination exceeding ch. NR 140 standards at the time of closure, and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at the web address listed above.

If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (920) 492-5921.

Sincerely,

Keld B. Lauridsen
Hydrogeologist
Remediation & Redevelopment Program

cc: Don Brittnacher, OMNNI Associates (electronic copy)

DOCUMENT NO. 151542

VOL 65 PAGE 259

This Indenture, Made by Edward J. Koss and Helen Koss, his wife

grantor s of Kewaunee County, Wisconsin, hereby conveys and warrants to Casco Union Free High School District grantee of Kewaunee County, Wisconsin, for the sum of One Thousand and no/100- ($1000.00) the following tract of land in Kewaunee County, State of Wisconsin;

That part of Lot Twenty-Two (22), Block "F" according to the recorded Assessors Plat of the Village of Casco, Kewaunee County, Wisconsin, described as follows: Commencing at the Northeast Corner of Lot Twenty-One (21), Block "F" and running thence South 0° 41' 32" East, along the East line thereof 362.5 feet, thence South 89° 57' 28" West 365.16 to the West line of Lot Twenty-One (21) and the East line of Lot Twenty-Two (22) the point of beginning of the tract to be described thence continue South 89° 57' 28" West 293.54 feet to a two inch iron pin, thence South 2° 44' 32" East 835.12 feet to a two inch iron pin, thence North 89° 57' 27" East 195.42 feet to the Southwest Corner of the present school lot, thence North 0° 36' 57" West 754.94 feet to the Northwest Corner of the present school lot, thence North 89° 57' 28" East 57.58 feet to the East line of Lot 22, thence North 0° 36' 57" West along the East line of Lot Twenty-Two (22) 91.9 feet to the point of beginning.

1 1/2 Rev. Stps.

DOCUMENTARY UNITED STATES INTERNAL REVENUE 1.10 ONE DOLLAR TEN CENTS

U. S. Internal Revenue Stamps Cancelled

IN WITNESS WHEREOF, the said grantor s ha ve hereunto set their hand s and seal s this 22nd day of April, A. D., 19 55.

SIGNED AND SEALED IN PRESENCE OF

Audrey Dedow
Audrey Dedow

Agnes Gigot
Agnes Gigot

Edward J. Koss (SEAL)
Edward J. Koss

Helen Koss (SEAL)
Helen Koss

(SEAL)

(SEAL)

STATE OF WISCONSIN, Kewaunee County. } ss.

Personally came before me, this 22nd day of April, A. D., 19 55 the above named Edward J. Koss and Helen Koss, his wife

to me known to be the person s who executed the foregoing instrument and acknowledged the same.

Received for Record this 27 day of April A. D., 19 55 at 4:30 o'clock P. M. in Vol. 65 of Deeds, page 259

Mrs. Alice M. Flaherty
Register of Deeds.

Deputy Register of Deeds.

(SEAL)

Agnes Gigot
Agnes Gigot

Notary Public Kewaunee County, Wis.

My commission expires 1/18 A. D., 19 58

WARRANTY DEED—STATE OF WISCONSIN, FORM NO. 9

H. C. MILLER CO., MILWAUKEE V66757

QUIT CLAIM DEED.—By Corporation STATE OF WISCONSIN—FORM No. 12

253317

RECORDS VOL 165 PAGE 34

This Indenture, Made this 19th day of July, A. D., 1976,

between Luxemburg-Casco Joint School District Number One

a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Kewaunee, Wisconsin, party of the first part, and Joseph W. Mastalir and Patricia Mastalir his wife

part ies of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum of $1.00 and other good and valuable

Dollars,

to it paid by the said part ies of the second part. the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released and quit-claimed, and by these presents does give, grant, bargain, sell, remise, release and quit-claim unto the said part ies of the second part, and to their heirs and assigns forever, the following described real estate, situated in the County of Kewaunee, State of Wisconsin, to-wit:

All of Lot 21 and Lot 22, Block F, Assessors Plat of the Village of Casco, Kewaunee County, Wisconsin, EXCEPT as follows:

Beginning 100.0 feet South of the Southeast corner of Lot 21, thence West 656.0 feet, thence North 835.67 feet, thence East 506.0 feet, thence South 135.0 feet, thence East 150.0 feet, thence South 700.67 feet to the point of beginning.

(It is the intent of the parties hereto to straighten out the boundaries of their parcels in Block F, Assessors Plat of Village of Casco.)

Transfer fee exempt 77.25 (2)

RECEIVED FOR RECORD
1976 AUG 16 PM 1:49
1976 AUG 16 PM 1:49
Mrs. Alice M. Flaherty
REGISTER OF DEEDS
KEWAUNEE COUNTY, WIS.

RECEIVED FOR RECORD
1976 AUG 16 PM 1:49
Mrs. Alice M. Flaherty
REGISTER OF DEEDS
KEWAUNEE COUNTY, WIS.

TO HAVE AND TO HOLD the same, together with all and singular the appurtenances and privileges thereunto belonging or in any wise thereunto appertaining, and all the estate, right, title, interest and claim whatsoever of the said

Ret to SEW

93

This document has been microphotographed in accordance with standards established by Section 889.30(3)(b) Wisconsin Statutes and with established procedures. Alice M. Flaherty (Mrs.) Alice M. Flaherty, Kewaunee County Register of Deeds, Kewaunee, Wis.

party of the first part, either in law or equity, either in possession or expectancy of, to the only proper use, benefit and behoof of the said part ies of the second part, their heirs and assigns forever.

In Witness Whereof, the said Luxemburg-Casco Joint School District Number One party of the first part, has caused these presents to be signed by Gerald V. Abitz its President, and countersigned by Julian Romuald, its Clerk ~~& Secretary~~, at Luxemburg, Wisconsin, and its corporate seal to be hereunto affixed, this 19th day of July, A. D., 1976.

LUXEMBURG-CASCO JOINT SCHOOL DISTRICT NUMBER ONE
Corporate Name

Gerald V. Abitz
Gerald V. Abitz, President

Countersigned:
Julian Romuald
Julian Romuald, Clerk ~~& Secretary~~

Signed and Sealed in the Presence of

State of Wisconsin, KEWAUNEE County. } ss.

Personally came before me, this 19th day of July, A. D., 1976, Gerald V. Abitz, President, and Julian Romuald, Clerk ~~& Secretary~~ of the above named ~~Corporation~~ School District, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Clerk Secretary of said ~~Corporation~~ School District and acknowledged that they executed the foregoing instrument as such officers as the deed of said ~~Corporation~~ School District by its authority.

Evelyn L. Rass
Evelyn L. Rass
Notary Public, Kewaunee County, Wis.
My Commission expires 12/5/76 A. D., 19

This instrument was drafted by:

SLATKY and WOLSKE, Attorneys

(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary).

RETURN TO

SLATKY & WOLSKE
Attorneys at Law
510 Main Street
Kewaunee, WI. 54216

No. ____

To

QUIT CLAIM DEED

REGISTER'S OFFICE,
STATE OF WISCONSIN,
County.

Received for Record this day of A. D., 19, and recorded in Vol. of Deeds on page

RECORDING DATA SHOWN ON BODY OF INSTRUMENT

Register of Deeds

Deputy

This document has been microphotographed in accordance with standards established by Section 889.30(3)(b) Wisconsin Statutes and with established procedures. Alice M. Flaherty (Mrs.) Alice M. Flaherty, Kewaunee County Register of Deeds, Kewaunee, Wis.

DOCUMENT NO.

255544

RECORDS
VOL 166 PAGE 660

QUIT CLAIM DEED
STATE OF WISCONSIN—FORM 13
THIS SPACE RESERVED FOR RECORDING DATA

RECEIVED FOR RECORD
1977 JAN 12 PM 4:01
1977 JAN 12 PM 4:01

Alice M. Flaherty
REGISTER OF DEEDS
KEWAUNEE COUNTY, WIS.

RETURN TO SLATKY & WOLSKE
Attorneys at Law
510 Main Street
Kewaunee, WI 54216

THIS INDENTURE, Made by Joseph W. Mastalir and Patricia Mastalir, his wife

grantor S of Kewaunee County, Wisconsin, hereby quit-claims to Luxemburg-Casco Joint School District Number One

grantee of Kewaunee County, Wisconsin, for the sum of $1.00 and other good and valuable

the following tract of land in Kewaunee County, State of Wisconsin:

Any interest grantors may have in the following described property:

Property located in Lot 21 and Lot 22 of Block F. Assessors Plat of the Village of Casco, Kewaunee County, Wisconsin, described as follows:

Beginning 100.0 feet South of the Southeast corner of Lot 21, thence West 656.0 feet, thence North 835.67 feet, thence East 506.0 feet, thence South 135.0 feet, thence East 150.0 feet, thence South 700.67 feet to the point of beginning.

(It is the intent of the parties hereto to straighten out the boundaries of their parcels in Block F, Assessors Plat of the Village of Casco.)

Transfer fee exempt 77.25 (2)

This document has been microphotographed in accordance with standards established by Section 889.30(3)(b) Wisconsin Statutes and with established procedures. Alice M. Flaherty (Mrs.) Alice M. Flaherty, Kewaunee County Register of Deeds, Kewaunee, Wis.

IN WITNESS WHEREOF, the said grantor S have hereunto set their hand and seal this 27th day of December, A. D., 19 76.

SIGNED AND SEALED IN PRESENCE OF

Joseph W. Mastalir (SEAL)
Joseph W. Mastalir

Patricia Mastalir (SEAL)
Patricia Mastalir

(SEAL)

(SEAL)

STATE OF WISCONSIN,
KEWAUNEE County. } ss.

Personally came before me, this 27th day of December, A. D., 19 76
the above named Joseph W. Mastalir and Patricia Mastalir

to me known to be the person S who executed the foregoing instrument and acknowledged the same.

Mildred H. Berkey

MILDRED H. BERKEY NOTARY SEAL PUBLIC STATE OF WISCONSIN

This instrument drafted by
SLATKY and WOLSKE, Attorneys

Notary Public Kewaunee County, Wis.

My Commission (Expires) ~~(Is)~~ Feb 3, 1980

(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary).

QUIT CLAIM DEED—STATE OF WISCONSIN, FORM NO. 13

H. C. MILLER CO., MILWAUKEE

GIS Registry Information
Casco Middle School Remediation Project

COMM #54929-8561-50;
DNR #03-59-207571;
OMNNI #N1546A99

The geographic position of the contaminated portion of the Casco Middle School site, in WTM91 coordinates, is 709134, 455840. The tax parcel number for the site is 31-111-BLK-F-26.1.

KEWAUNEE COUNTY

COMPUTER NUMBER 111- 60- 560 Parcel Number 31 111 BLK F 26.1

OWNER NAME: First Last LUXEMBURG-CASCO JT.
CO-OWNER SCHOOL DIST. #1

Mailing Address
City State Zip - 0000

PARCEL HISTORY

TYPE	VOL	PAGE	DOC #	REC.DATE	TYPE	VOL	PAGE	DOC #	REC.DATE
	165R/	34	0	/ /		65D/	259	0	/ /

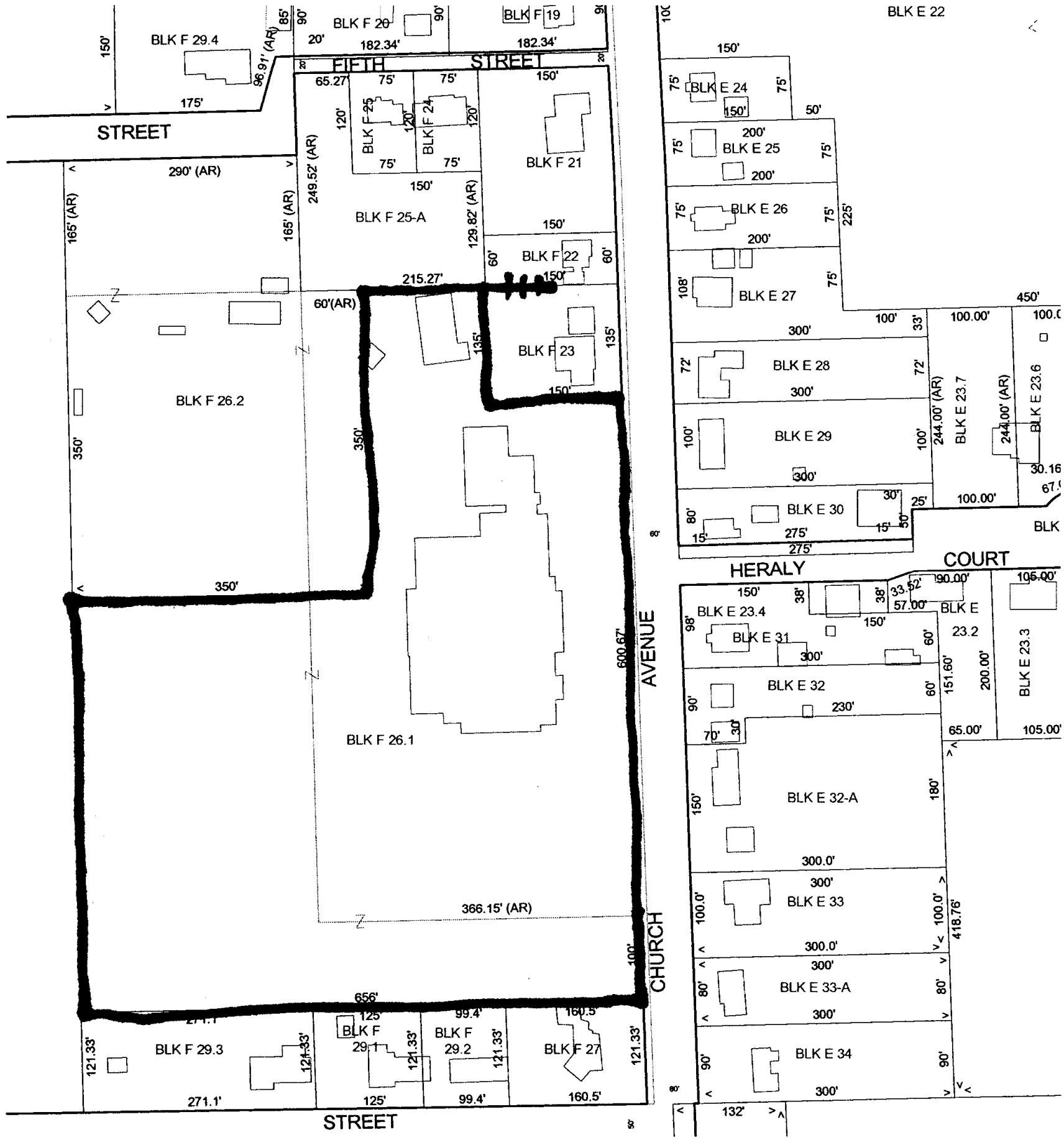
PROPERTY ADDRESS: Hse # 619 1/2 PD --Street Name-- CHURCH Type AVE SD
School District 3220 - Special District 0 - Special District 0 -

Last Changed on 11/06/2003 Book Number 1
SECTION 17 TOWN 24 N RANGE 24 E Map Number 000 -
ZONING: Permit Number Type Number of Units: 0

Line	Description	Line	Description
	TOTAL ACREAGE 0.000		
1	PRT OF LOTS 21 & 22: COM	15	
2	100 FT S OF SE COR OF LOT	16	
3	21 TH W 656 FT N 835.67	17	
4	FT E 506 FT S 135 FT E	18	
5	150 FT S 700.67 FT TO	19	
6	P.O.B. EXC N 350 FT OF W	20	
7	350 FT	21	
8	EXEMPT BLK F	22	
9		23	
10		24	
11		25	
12		26	
13		27	
14		28	

TOTAL ACREAGE 0.000 Values Last Changed on 03/16/1992

Classification	Code	Acreage	Land	Improve	TOTAL
Exempt Other Lands	X4	0.000	0	0	0
TOTALS:		0.000	0	0	0
PRIOR YEAR TOTAL:					
GENERAL PROPERTY:		0.000	0	0	0
PRIVATE FOREST CROP:		0.000	0		



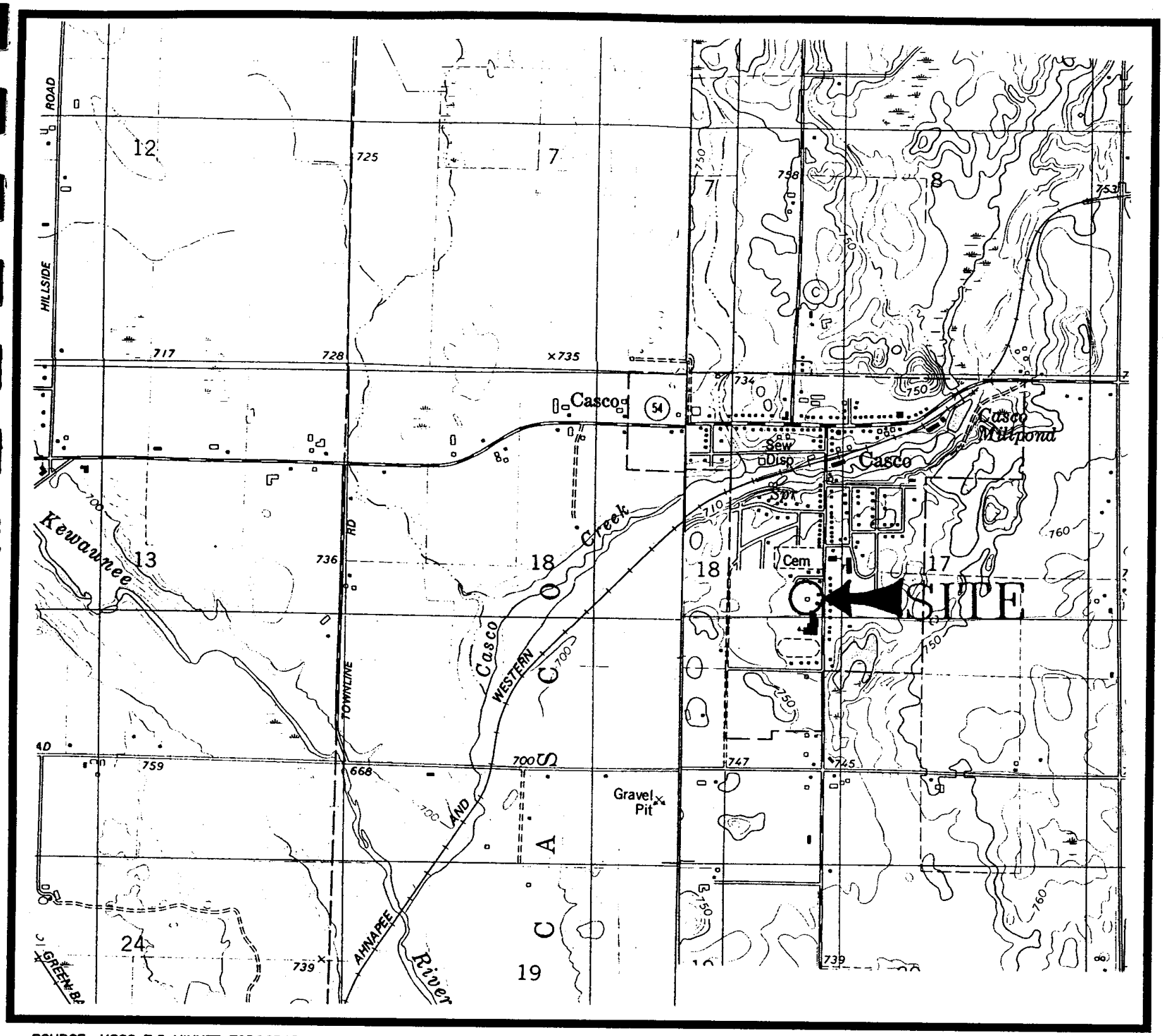
Kewaunee County Parcel Map

Kewaunee County Land Information Office
613 Dodge St.
Kewaunee, WI 54216

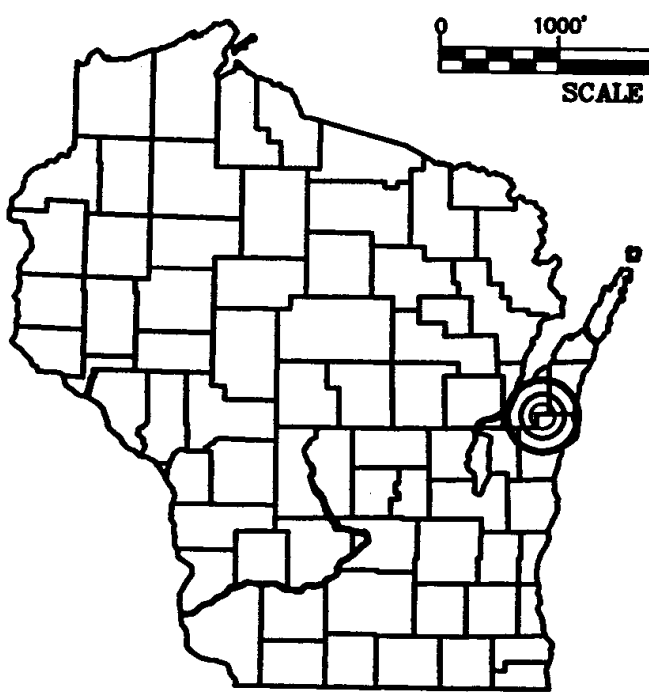
LEGEND

Buildings
Right of Way

THIS MAP IS NEITHER A LEGALLY RECORDED MAP OR A SURVEY AND IS NOT INTENDED TO BE USED AS ONE.
THIS DRAWING IS A COMPILATION OF RECORDS, INFORMATION, AND DATA USED FOR REFERENCE PURPOSES ONLY.



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, CASCO, WISCONSIN QUADRANGLE, 1978.



0 1000' 2000' 4000'

SCALE 1"= 2000'

N

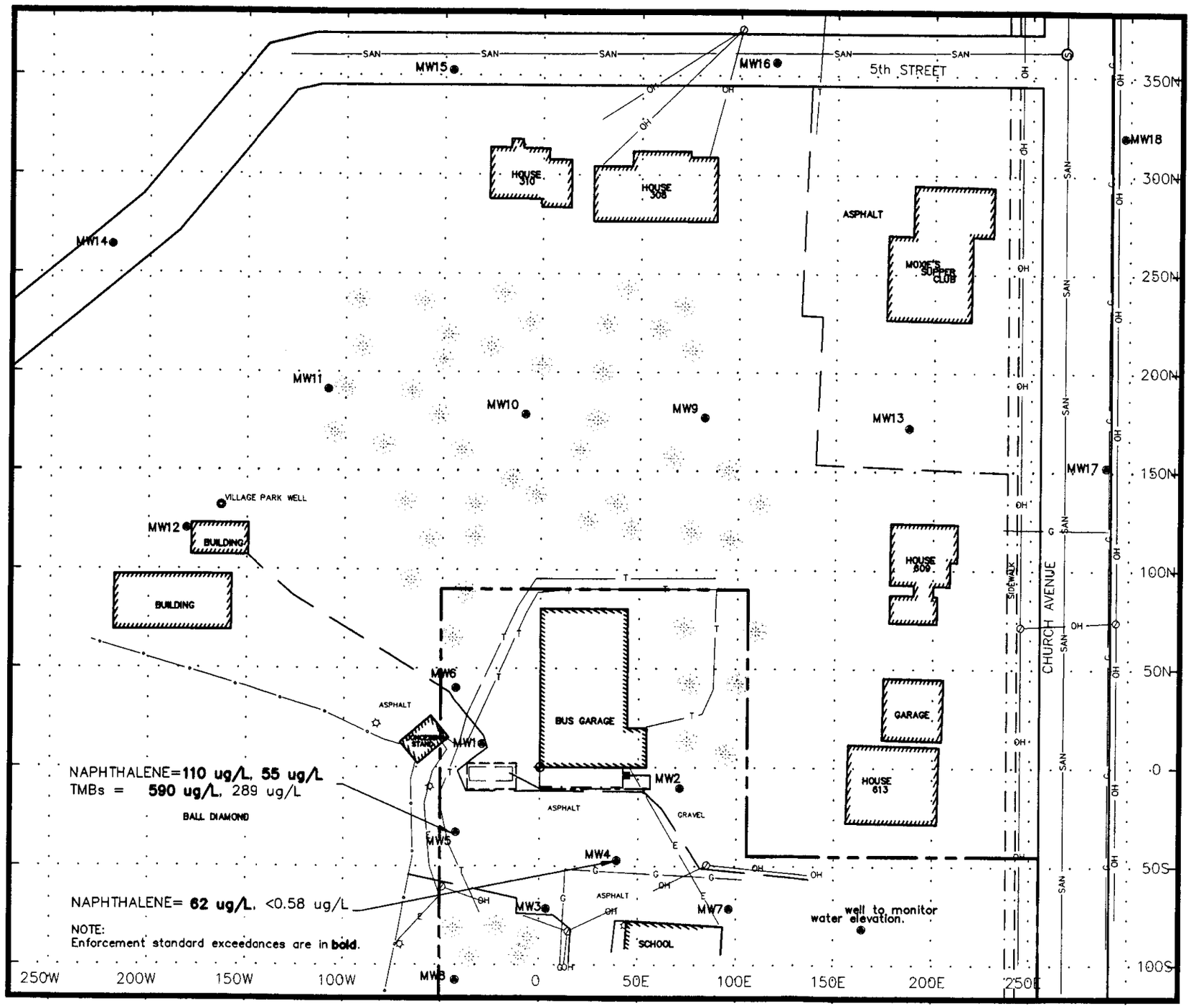
FIGURE 1
SITE LOCATION MAP

CASCO MIDDLE SCHOOL
619 CHURCH AVENUE
CASCO, WISCONSIN 54205

OMNI ASSOCIATES

ONE SYSTEMS DRIVE, APPLETON, WISCONSIN 54914-1654
PHONE : (414) 735-6900 FAX : (414) 830-6100

PROJECT:	N1026B
CAD FILE:	N1026B1.DWG
DRAWN:	DLD
REVIEWED:	
DATE:	10/3/96



0' 10' 25' 50'
SCALE: 1" = 50'

LOCAL GRID NORTH
N

LEGEND:

- MW1 ● Well Location and I.D. No.
- Approximate Property Line
- Former Tank Location
- Limit of Excavation
- Former Pump Location
- Product Piping
- OH Overhead Utilities
- G Gas Line
- E Electrical Line
- T Telephone Cable
- Light Post
- SAN Sanitary Sewer and Manhole
- Power Pole
- Building Face
- Edge of Asphalt
- Edge of Concrete
- Fence
- Reference Point
- 50N Grid Line (50' Interval)
- Tree

FIGURE 6
ENFORCEMENT STANDARD EXCEEDANCES IN THE GROUNDWATER
(5/21/03, 10/1/03)

CASCO MIDDLE SCHOOL
619 CHURCH AVENUE
CASCO, WISCONSIN 54205

OMNI ASSOCIATES

PROJECT:	N1026B94
CAD FILE:	N1026B5.DWG
DRAWN:	DLD
DATE:	11/5/2003
SCALE:	1"= 50'

ONE SYSTEMS DRIVE APPLETON, WISCONSIN 54914-1654
PHONE : (920) 735-6900 FAX : (920) 830-6100

CASCO MIDDLE SCHOOL

BRRTS # 03-31-001684 PECFA # 54205-9716-19 OMNNI # N1026B94

TABLE 3a
SUMMARY OF LABORATORY ANALYSIS
OF MOST RECENT SAMPLING EVENTS AT VARIOUS WELLS

PARAMETER	ES	PAL	MW4	MW5	MW6	MW7	MW8	MW9	MW10	MW11	MW12	MW13	MW14	MW15	MW16	MW17	MW18
SAMPLE DATE	-	-	10/1/03	5/21/03	5/21/03	10/15/02	10/15/02	10/15/02	5/21/03	3/23/95	10/15/02	10/15/02	10/15/02	5/21/03	5/21/03	10/15/02	10/15/02
DETECTED VOCs / PVOCs (µg/L)																	
BENZENE	5	0.5	< 0.30	0.3	< 0.30	< 0.45	< 0.45	< 0.45	< 0.30	*0.9*	< 0.45	< 0.45	< 0.45	< 0.30	< 0.30	< 0.45	< 0.45
n-BUTYLBENZENE	-	-	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	5	0.5	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	700	140	< 0.60	5.8	< 0.60	< 0.82	< 0.82	< 0.82	3.1	22	< 0.82	< 0.82	< 0.82	< 0.60	< 0.60	< 0.82	< 0.82
ISOPROPYLBENZENE	-	-	NA	NA	NA	NA	NA	NA	NA	3.2	NA	NA	NA	NA	NA	NA	NA
MTBE	60	12	< 0.58	0.93	< 0.58	< 0.43	< 0.43	< 0.43	< 0.58	ND	< 0.43	< 0.43	< 0.43	< 0.58	< 0.58	< 0.43	< 0.43
NAPHTHALENE	40	8	< 0.58	**55**	< 0.58	NA	NA	NA	< 0.58	*16*	NA	NA	NA	< 0.58	< 0.58	NA	NA
n-PROPYLBENZENE	-	-	NA	NA	NA	NA	NA	NA	NA	9.9	NA	NA	NA	NA	NA	NA	NA
TOLUENE	1000	200	< 0.58	< 0.58	< 0.58	< 0.68	< 0.68	< 0.68	< 0.58	ND	< 0.68	< 0.68	< 0.68	< 0.58	< 0.58	< 0.68	< 0.68
1,2,4-TRIMETHYLBENZENE	480 (combined)	96 (combined)	< 0.66	*260*	< 0.66	< 0.92	< 0.92	< 0.92	18	8.6	< 0.92	< 0.92	< 0.92	< 0.66	< 0.66	< 0.92	< 0.92
1,3,5-TRIMETHYLBENZENE			< 0.52	*29*	< 0.52	< 0.94	< 0.94	< 0.94	< 0.52	12	< 0.94	< 0.94	< 0.94	< 0.52	< 0.52	< 0.94	< 0.94
m,p-XYLENE	10,000 (combined)	1000 (combined)	< 1.2	6.7	< 1.2	< 1.7	< 1.7	< 1.7	< 1.2	ND	< 1.7	< 1.7	< 1.7	< 1.2	< 1.2	< 1.7	< 1.7
o-XYLENE			< 0.64	1.3	< 0.64	< 0.77	< 0.77	< 0.77	< 0.64	ND	< 0.77	< 0.77	< 0.77	< 0.64	< 0.64	< 0.77	< 0.77
GASOLINE RANGE ORGANICS (µg/L)	-	-	NA	NA	NA	NA	NA	NA	NA	381	NA	NA	NA	NA	NA	NA	NA
DISSOLVED LEAD (µg/L)	15	1.5	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

NA = not analyzed

ND = not detected

bold = enforcement standard exceedance

italics = preventive action limit exceedance

CASCO MIDDLE SCHOOL

BRRTS # 03-31-001684 PECFA # 54205-9716-19 OMNNI # N1026B94

TABLE 3b
SUMMARY OF LABORATORY ANALYSIS
PRIVATE WELLS - HISTORICAL

PARAMETER	ES	PAL	Moxie's / 609	613	308	310	Casco Middle School Well	Village Park Well	309	313
SAMPLE DATE	-	-	2/19/03	7/17/02	2/19/03	2/19/03	5/21/03	5/21/03	4/1/99	7/13/95
DETECTED VOCs / PVOCs (µg/L)										
BENZENE	5	0.5	< 0.45	< 0.43	< 0.45	< 0.45	< 0.30	< 0.30	< 0.25	ND
1,2-DICHLOROETHANE	5	0.5	NA	NA	NA	NA	NA	NA	< 0.14	ND
ETHYLBENZENE	700	140	< 0.82	< 0.49	< 0.82	< 0.82	< 0.60	< 0.60	< 0.32	ND
METHYLENE CHLORIDE	150	15	NA	NA	NA	NA	NA	NA	NA	ND
MTBE	60	12	< 0.43	< 0.49	< 0.43	< 0.43	< 0.58	< 0.58	< 0.21	ND
NAPHTHALENE	40	8	NA	NA	NA	NA	< 0.58	< 0.58	< 0.73	ND
TOLUENE	1000	200	< 0.68	< 0.63	< 0.68	< 0.68	< 0.58	< 0.58	< 0.38	ND
1,2,4-TRIMETHYLBENZENE	480 (combined)	96 (combined)	< 0.92	< 0.42	< 0.92	< 0.92	< 0.66	< 0.66	< 0.34	ND
1,3,5-TRIMETHYLBENZENE			< 0.94	< 0.72	< 0.94	< 0.94	< 0.52	< 0.52	< 0.36	ND
m,p-XYLENE	10,000 (combined)	1000 (combined)	< 1.7	< 1	< 1.7	< 1.7	< 1.2	< 1.2	< 0.67	ND
o-XYLENE			< 0.77	< 0.45	< 0.77	< 0.77	< 0.64	< 0.64	< 0.37	ND

N1026B94
LUXEMBURG - CASCO MIDDLE SCHOOL

TABLE 2
SUMMARY OF LABORATORY ANALYSIS
SOIL BORING SAMPLES

PARAMETER	STANDARD	B1-14	B2-13	B3-13	B4-12	B5-10 (MW3)	B6-3	B7-5 (MW2)	B8-4	B9-5 (MW1)	B10-3	B11-3 (MW4)	B12-3 (MW5)
SAMPLE DATE	-	4/4/94	4/4/94	4/5/94	4/5/94	5/4/95	5/4/95	5/4/95	5/5/94	5/5/94	5/5/94	7/12/94	7/12/94
SAMPLE DEPTH	ft	26 - 28	24 - 26	24 - 26	22 - 24	20 - 22	25 - 27	25 - 27	24 - 26	23 - 25	22 - 24	25 - 26.5	25 - 27
GASOLINE RANGE ORGANICS (mg/kg)	100 *	9.6	2.7	**773**	ND	ND	ND	ND	ND	16	ND	**4310**	ND
LEAD (mg/kg)	50	ND	ND	ND	ND	3.49	2.48	2.97	ND	2.95	ND	3.54	ND
DETECTED VOCs / PVOCs (µg/kg)													
BENZENE	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-BUTYLBENZENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-BUTYLBENZENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	2900	2.4	ND	96	ND	8.8	ND	ND	ND	ND	ND	**46000**	ND
ISOPROPYLBENZENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-ISOPROPYLTOLUENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-PROPYLBENZENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	1500	ND	ND	234	ND	ND	ND	ND	ND	ND	ND	**12300**	ND
1,2,4-TRIMETHYLBENZENE	-	ND	17	768	ND	56	ND	ND	ND	51	ND	220000	ND
1,3,5-TRIMETHYLBENZENE	-	1.2	17	216	ND	16	ND	ND	ND	55	ND	52400	ND
m,p-XYLENE	4100 (combined)	ND	3.3 (combined)	565 (combined)	ND	4.2 (combined)	ND	ND	ND	ND	ND	**219000 (combined)**	ND
o-XYLENE		ND			ND		ND	ND	ND	ND	ND		ND

ND = not detected over the method detection limit
NA = not analyzed
Bold = sample concentration detected over the DNR standard

* A permeability test was not run on these samples. The standard for permeable soil has been used because these samples are sandy soils.

TABLE 2
SUMMARY OF LABORATORY ANALYSIS
SOIL BORING SAMPLES

PARAMETER	STANDARD	B13-3 (MW6)	B14-3 (MW7)	B14-6 (MW7)	B15-2 (MW8)	B15-6 (MW8)	B16-2	B16-5	B17-4	B17-6	B18-4	B18-7	B19-5 (MW9)
SAMPLE DATE	-	7/12/94	1/23/95	1/23/95	1/23/95	1/23/95	1/27/95	1/27/95	1/27/95	1/27/95	1/27/95	1/27/95	2/13/95
SAMPLE DEPTH	ft	23 - 24	25 - 27	32.5 - 34.5	22.5 - 24.5	32.5 - 34.5	22.5 - 24.5	30 - 32	27.5 - 29.5	32.5 - 34.5	27.5 - 29.5	33.5 - 35.5	28 - 30
GASOLINE RANGE ORGANICS (mg/kg)	100 *	ND	ND	ND	ND	ND	ND	17	ND	ND	**249**	ND	ND
LEAD (mg/kg)	50	2.82	ND	3.62	ND	ND	ND	ND	3.09	ND	ND	3.14	4.26
DETECTED VOCs / PVOCs (µg/kg)													
BENZENE	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-BUTYLBENZENE	-	NA	ND	ND	ND	ND	ND	14	17	ND	2040	ND	ND
sec-BUTYLBENZENE	-	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROFORM	-	NA	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	2900	ND	ND	ND	ND	ND	ND	9.7	ND	ND	446	ND	ND
ISOPROPYLBENZENE	-	NA	ND	ND	ND	ND	ND	ND	ND	ND	226	ND	ND
p-ISOPROPYLTOLUENE	-	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
℞ METHYLENE CHLORIDE	-	NA	5.4	12	16	19	16	18	18	29	569	38	10
NAPHTHALENE	-	NA	ND	ND	ND	ND	ND	19	11	ND	706	ND	ND
n-PROPYLBENZENE	-	NA	ND	ND	ND	ND	ND	3.5	ND	ND	537	ND	ND
TOLUENE	1500	ND	ND	ND	ND	ND	ND	ND	ND	ND	94	ND	ND
1,2,4-TRIMETHYLBENZENE	-	ND	ND	ND	ND	ND	ND	30	5.6	ND	2820	ND	3.6
1,3,5-TRIMETHYLBENZENE	-	ND	ND	ND	ND	ND	ND	12	6.5	ND	950	ND	1.5
m,p-XYLENE	4100 (combined)	ND	ND	ND	ND	ND	ND	5.1	ND	ND	771	ND	ND
o-XYLENE		ND	ND	ND	ND	ND	ND	ND	ND	ND	185	ND	ND

ND = not detected over the method detection limit
℞ = sample concentrations may be viewed as suspect due to methylene chloride detections in the method blanks
Bold = sample concentration detected over the DNR standard

* A permeability test was not run on these samples. The standard for permeable soil has been used because these samples are sandy soils.

N1026B94
LUXEMBURG - CASCO MIDDLE SCHOOL

TABLE 2
SUMMARY OF LABORATORY ANALYSIS
SOIL BORING SAMPLES

PARAMETER	STANDARD	B19-7 (MW9)	B20-5 (MW10)	B20-8 (MW10)	B21-6 (MW11)	B21-8 (MW11)	B22-5 (MW12)	B22-7 (MW12)	B23-7 (MW13)	B23-8 (MW13)	B24-5 (MW14)	B25-8 (MW15)	B25-9 (MW15)
SAMPLE DATE	-	2/13/95	2/21/95	2/21/95	2/21/95	2/21/95	2/21/95	2/21/95	2/21/95	2/21/95	7/13/95	7/13/95	7/13/95
SAMPLE DEPTH	ft	32 - 34	28 - 30	34 - 36	30 - 32	34 - 36	28 - 30	32 - 34	32 - 34	34 - 36	28 - 30	34 - 36	36 - 38
GASOLINE RANGE ORGANICS (mg/kg)	100 *	ND	12	ND	ND	ND	ND	ND	**585**	ND	ND	ND	ND
LEAD (mg/kg)	50	3.42	ND	ND	ND	ND	ND	ND	ND	ND	3.99	4.90	4.84
DETECTED VOCs / PVOCs (µg/kg)													
BENZENE	5.5	ND	ND	ND	ND	ND	ND	ND	**123**	ND	ND	ND	ND
n-BUTYLBENZENE	-	ND	134	ND	ND	ND	ND	ND	6470	ND	ND	ND	ND
sec-BUTYLBENZENE	-	ND	ND	ND	ND	ND	ND	ND	360	ND	ND	ND	ND
CHLOROFORM	-	ND	ND	3.8	ND	8.7	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	2900	ND	36	ND	ND	ND	ND	ND	1080	ND	ND	ND	ND
ISOPROPYLBENZENE	-	ND	ND	ND	ND	ND	ND	ND	335	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	-	ND	ND	ND	ND	ND	ND	ND	573	ND	ND	ND	ND
⚐ METHYLENE CHLORIDE	-	54	46	20	18	18	11	8.8	467	19	261	264	205
NAPHTHALENE	-	ND	236	ND	ND	ND	ND	ND	1160	ND	ND	85	ND
n-PROPYLBENZENE	-	ND	23	ND	ND	ND	ND	ND	1760	ND	ND	ND	ND
TOLUENE	1500	ND	5.5	ND	ND	ND	ND	ND	192	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	-	ND	391	ND	ND	ND	ND	ND	7360	3.2	ND	83	ND
1,3,5-TRIMETHYLBENZENE	-	ND	105	ND	ND	ND	ND	ND	2690	ND	ND	66	ND
m,p-XYLENE	4100 (combined)	ND	148	ND	ND	ND	ND	ND	946	ND	ND	ND	ND
o-XYLENE		ND	18	ND	ND	ND	ND	ND	196	ND	ND	ND	ND

ND = not detected over the method detection limit
Bold = sample concentration detected over the DNR standard
⚐ = sample concentrations may be viewed as suspect due to methylene chloride detections in the method blanks

* A permeability test was not run on these samples. The standard for permeable soil has been used because these samples are sandy soils.

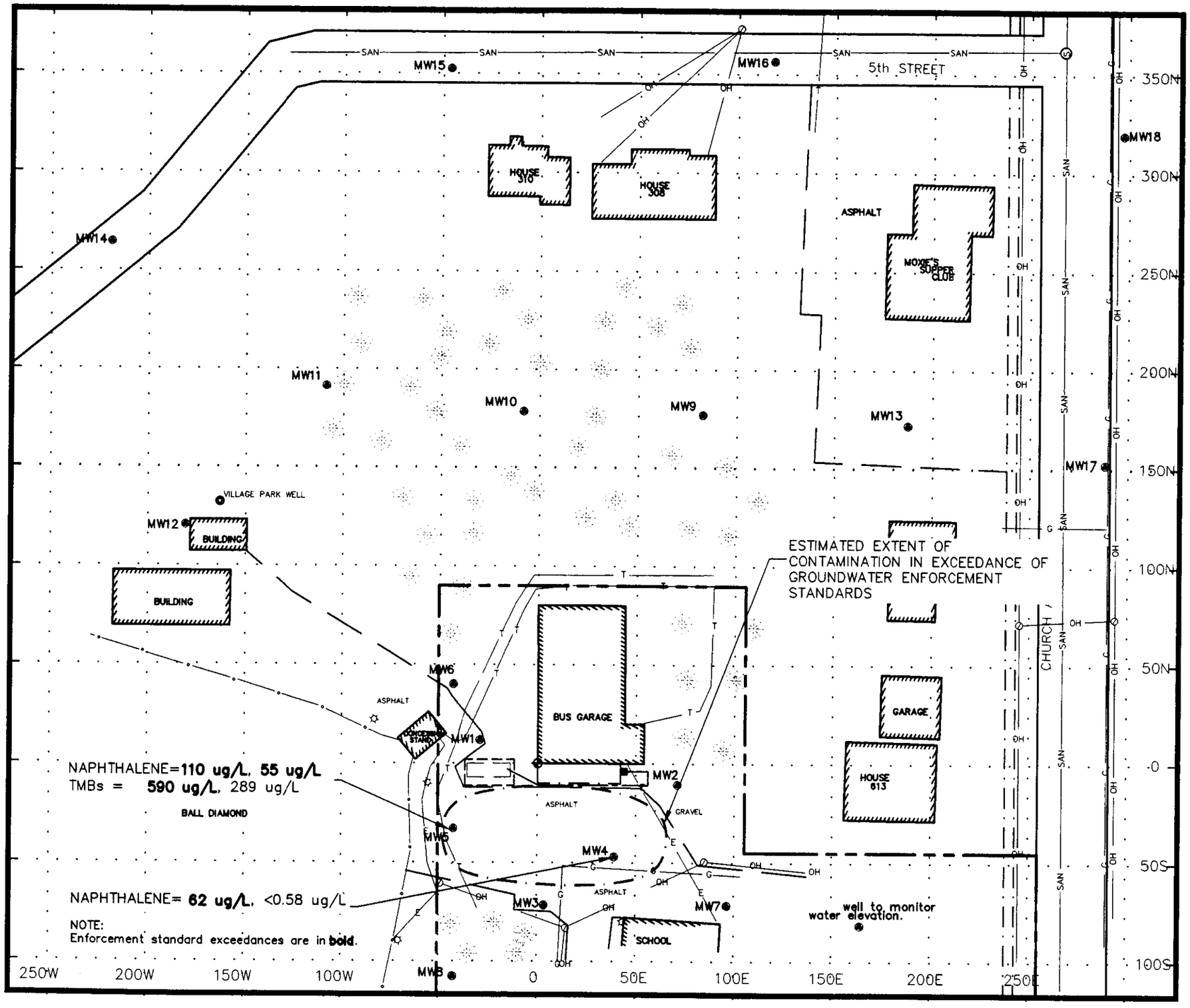
N1026B94
LUXEMBURG - CASCO MIDDLE SCHOOL

TABLE 2
SUMMARY OF LABORATORY ANALYSIS
SOIL BORING SAMPLES

PARAMETER	STANDARD	B26-8 (MW16)	B27-4 (MW17)	B27-8 (MW17)	B28-7 (MW18)
SAMPLE DATE	-	7/14/95	8/31/95	8/31/95	9/12/95
SAMPLE DEPTH	ft				
GASOLINE RANGE ORGANICS (mg/kg)	100 *	ND	ND	ND	ND
LEAD (mg/kg)	50	5.00	3.30	3.15	5.2
DETECTED VOCs / PVOCs (µg/kg)					
BENZENE	5.5	ND	ND	ND	ND
n-BUTYLBENZENE	-	ND	ND	ND	ND
sec-BUTYLBENZENE	-	ND	ND	ND	ND
CHLOROFORM	-	ND	ND	ND	ND
ETHYLBENZENE	2900	ND	ND	ND	ND
ISOPROPYLBENZENE	-	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	-	ND	ND	ND	ND
℞ METHYLENE CHLORIDE	-	192	83	122	157
NAPHTHALENE	-	ND	ND	ND	ND
n-PROPYLBENZENE	-	ND	ND	ND	ND
TOLUENE	1500	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	-	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	-	ND	ND	ND	ND
m,p-XYLENE	4100 (combined)	ND	ND	ND	ND
o-XYLENE		ND	ND	ND	ND

ND = not detected over the method detection limit
NA = not analyzed
℞ = sample concentrations may be viewed as suspect due to methylene chloride detections in the method blanks

* A permeability test was not run on these samples. The standard for permeable soil has been used because these samples are sandy soils.



0' 10' 25' 50'
SCALE: 1" = 50'

LOCAL GRID NORTH
N

LEGEND:

- MW1 ● Well Location and I.D. No.
- Approximate Property Line
- Former Tank Location
- Limit of Excavation
- Former Pump Location
- Product Piping
- OH Overhead Utilities
- G Gas Line
- E Electrical Line
- T Telephone Cable
- Light Post
- SAN Sanitary Sewer and Manhole
- Power Pole
- Building Face
- Edge of Asphalt
- Edge of Concrete
- Fence
- Reference Point
- 50N Grid Line (50' Interval)
- Tree

FIGURE 6
ENFORCEMENT STANDARD EXCEEDANCES IN THE GROUNDWATER
(5/21/03, 10/1/03)

CASCO MIDDLE SCHOOL
619 CHURCH AVENUE
CASCO, WISCONSIN 54205

OMNNI ASSOCIATES

PROJECT:	N1026B94
CAD FILE:	N1026B5.DWG
DRAWN:	DLD
DATE:	11/5/2003
SCALE:	1"= 50'

ONE SYSTEMS DRIVE APPLETON, WISCONSIN 54914-1654
PHONE : (920) 735-6900 FAX : (920) 830-6100

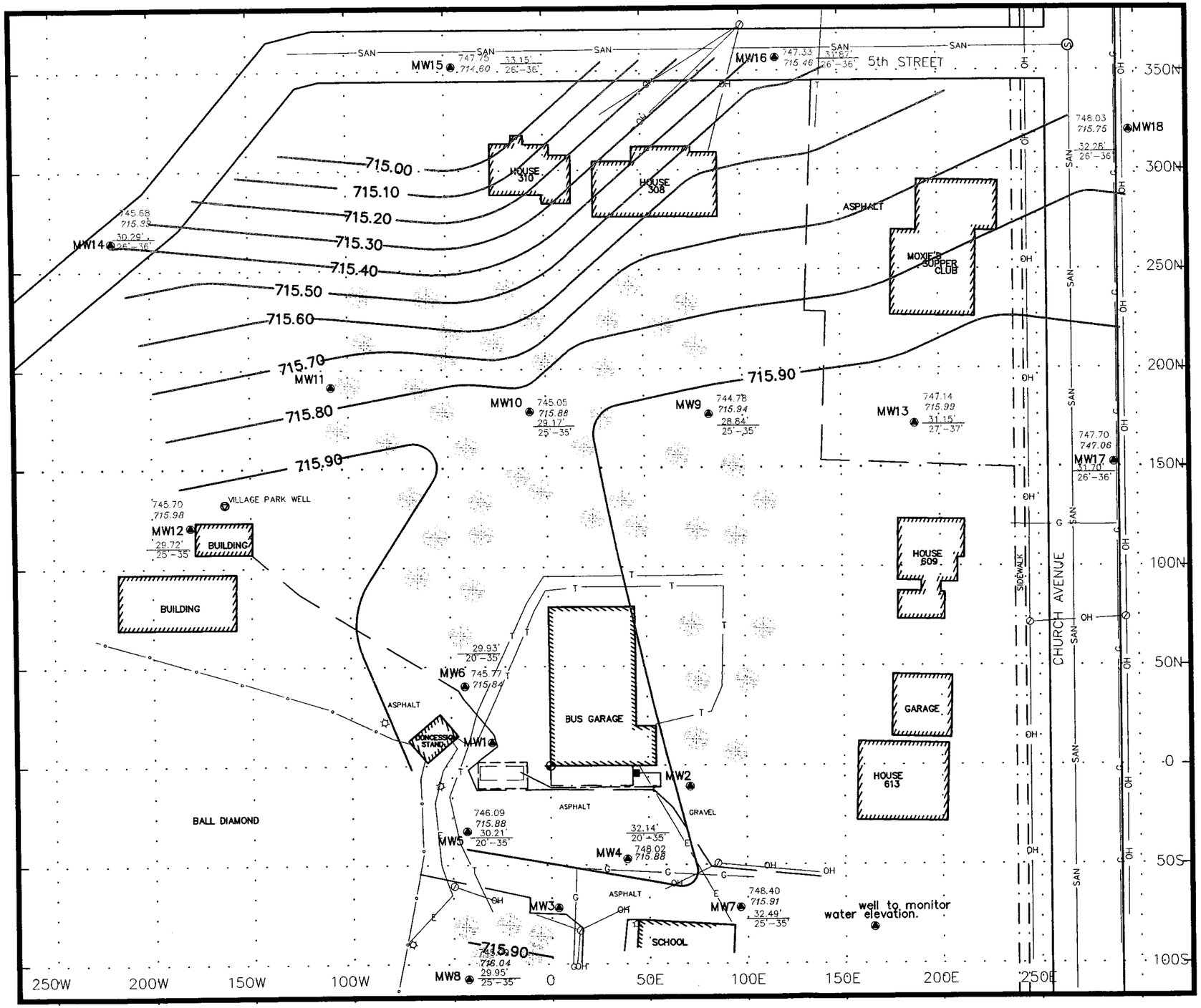
CASCO MIDDLE SCHOOL

BRRTS # 03-31-001684 PECFA # 54205-9716-19 OMNNI # N1026B94

TABLE 6

HISTORICAL GROUNDWATER ELEVATIONS

Date	MW1	MW2	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	MW11	MW12	MW13	MW14	MW15	MW16	MW17	MW18
07/20/94	Dry	Dry	Dry	717.59	717.35	715.33												
03/23/95	Dry	Dry	Dry	715.54	715.55	715.54	715.55	715.99	715.50	715.55	715.63	715.63	715.49					
07/13/95														715.08	714.98	715.73		
09/19/95																	715.12	714.88
10/13/95	Dry	Dry	Dry	715.50	715.90	715.17	715.73	715.56	715.31	715.25		715.54	715.04	715.10	715.01	714.58	714.92	714.65
05/07/96	Dry	722.52	Dry	717.71	717.69	717.63	717.89	718.56	717.02	718.00		717.60	717.79	716.32	716.52	717.23	717.85	717.51
08/01/96	719.49	722.73	719.92	719.66	719.55	719.46	719.74	720.20	719.21	719.10		719.31	719.47	717.86	717.78	718.62	719.50	718.97
10/06/97	719.10	720.57	719.83	716.51	717.01	714.18	716.71	715.55	713.43	713.22		716.71	716.53	715.88	715.24	716.37	716.71	716.31
02/23/98	Dry	Dry	Dry	714.56	714.53	714.51	714.70	714.63	714.92	714.73		715.31	714.27	714.85	713.64	714.08	714.24	714.02
04/01/99				716.41	715.41	715.43	715.47	715.55	716.22	715.52		715.77	715.38	715.26	714.33	714.90	715.34	715.05
03/08/00				714.25	714.09	714.10	714.46	714.16	714.92	715.46		715.23	714.09	714.83	713.48	714.02	714.03	713.82
07/06/00				714.40	714.36	714.36	714.78	714.43	715.22	714.63		715.54	714.39	715.07	713.64	714.17	714.25	713.92
11/01/00				714.19	714.01	714.06	714.39	713.99	714.90	714.40		715.36	713.77	714.88	713.21	713.63	713.49	713.17
02/06/01				714.12	713.53	713.59	714.16	713.56	714.42	713.97			713.06					
05/09/01				715.44	715.39	715.38	715.35	715.56	715.69	715.53		715.88	715.53	715.27	714.45	715.50	715.51	715.29
10/09/01				716.45	716.45	716.41	716.46	716.66	716.44	716.40		716.56	716.45	715.61	715.07	716.04	716.43	716.16
01/10/02				716.06	716.04	716.00			716.02	716.00			716.01					
04/29/02				717.14	716.48	717.13	717.27	717.38	717.02	716.95		717.11	717.21	715.29	714.96	716.71	717.25	716.27
07/17/02				718.17	718.16	718.10		718.37	717.87	717.83			718.07		716.61			717.71
10/15/02				716.62	716.63	716.56	716.57	716.82	716.44	716.40		716.63	716.48	715.58	715.12	715.96	716.43	716.11
02/19/03				714.92	714.91	714.90				715.06								
Top/BM Elevation	745.64	750.82	746.73	747.71	745.36	747.78	747.95	749.36	747.52	747.97	749.78	745.32	746.79	745.23	747.40	746.57	747.06	747.51
Ground Surface Elevation	745.94	747.65	747.43	748.02	746.09	745.77	748.40	745.99	744.78	745.05	746.60	745.70	747.14	745.68	747.75	747.33	747.70	748.03
Depth of Well (from Top/BM)	27.00	27.00	27.00	35.10	34.43	37.20	35.52	38.52	37.87	38.67	39.87	34.87	36.27	35.95	35.54	35.55	34.90	35.47
Top of Screen Elevation	728.64	733.82	729.73	727.61	725.93	725.58	722.43	720.84	719.65	719.30	719.91	720.45	720.52	719.28	721.86	721.02	722.16	722.04
Bottom Elevation	718.64	723.82	719.73	712.61	710.93	710.58	712.43	710.84	709.65	709.30	709.91	710.45	710.52	709.28	711.86	711.02	712.16	712.04
Avg. Water Surface Elev. (Historical)	719.30	721.94	719.88	716.07	715.95	715.68	715.95	716.06	715.91	715.78	715.63	716.30	715.83	715.49	714.94	715.54	715.79	715.59
Avg. Depth to Water (Historical)	26.65	25.71	27.55	31.95	30.14	30.09	32.45	29.93	28.87	29.27	30.97	29.40	31.31	30.19	32.81	31.79	31.91	32.44
Min. Depth to Water (Historical)	26.45	24.92	27.51	28.36	26.54	26.31	28.66	25.79	25.57	25.95	30.97	26.39	27.67	27.82	29.97	28.71	28.20	29.06
Max. Depth to Water (Historical)	26.84	27.08	27.60	33.90	32.56	32.18	34.24	32.43	31.35	31.83	30.97	30.47	34.08	30.85	34.54	33.70	34.21	34.86
Avg. Depth to Water at Monitoring Wells (Historical)	30.19																	



0' 10' 25' 50'

SCALE: 1" = 50'

LOCAL GRID NORTH

N

LEGEND:

- MW1 — Well Location and I.D. No.
- MW4 748.02 / 714.92 — Surface Elevation at Well / Groundwater Elevation at Well
- 33.10' / 20'-35' — Depth to Water from Surface / Screened Interval (ft.)
- -715.80 — Groundwater Contour Line (.10" Contour Interval)
- Former Tank Location
- Limit of Excavation
- Former Pump Location
- Product Piping
- OH — Overhead Utilities
- G — Gas Line
- E — Electrical Line
- T — Telephone Cable
- Light Post
- SAN — Sanitary Sewer and Manhole
- Power Pole
- Building Face
- Edge of Asphalt
- Edge of Concrete
- Fence
- Reference Point
- 50N — Grid Line (50' Interval)
- Tree

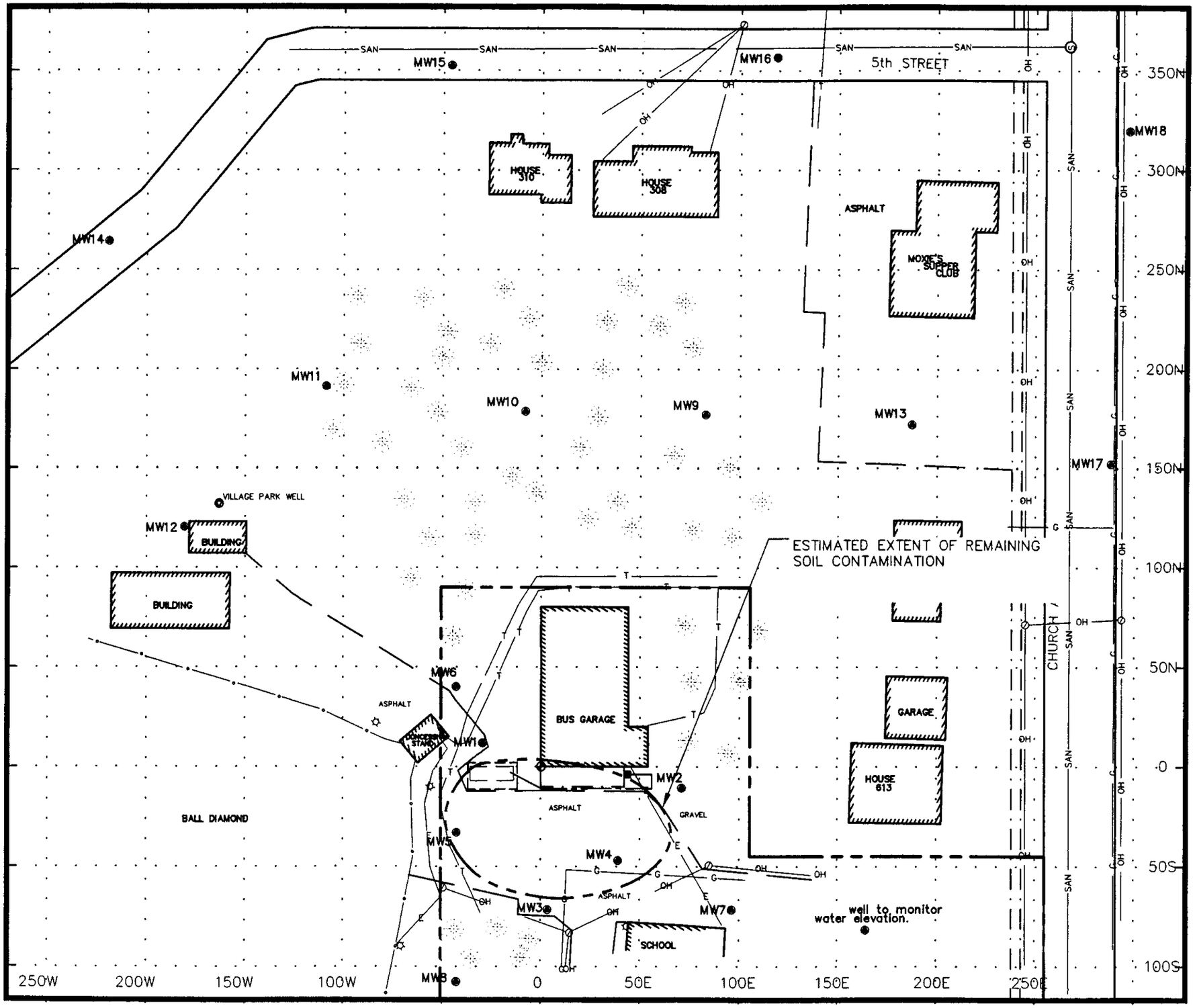
FIGURE 3
GROUNDWATER ELEVATION CONTOUR MAP (5/21/03)

CASCO MIDDLE SCHOOL
619 CHURCH AVENUE
CASCO, WISCONSIN 54205

OMNI ASSOCIATES

PROJECT:	N1026B94
CAD FILE:	N1026B5.DWG
DRAWN:	DLD
DATE:	11/5/2003
SCALE:	1"= 50'

ONE SYSTEMS DRIVE APPLETON, WISCONSIN 54914-1654
PHONE : (920) 735-6900 FAX : (920) 830-6100



0' 10' 25' 50'
SCALE: 1" = 50'

LOCAL GRID NORTH
N

LEGEND:

- MW1 ● Well Location and I.D. No.
- Approximate Property Line
- Former Tank Location
- Limit of Excavation
- Former Pump Location
- Product Piping
- OH Overhead Utilities
- G Gas Line
- E Electrical Line
- T Telephone Cable
- Light Post
- SAN Sanitary Sewer and Manhole
- Power Pole
- Building Face
- Edge of Asphalt
- Edge of Concrete
- Fence
- Reference Point
- 50N Grid Line (50' Interval)
- Tree

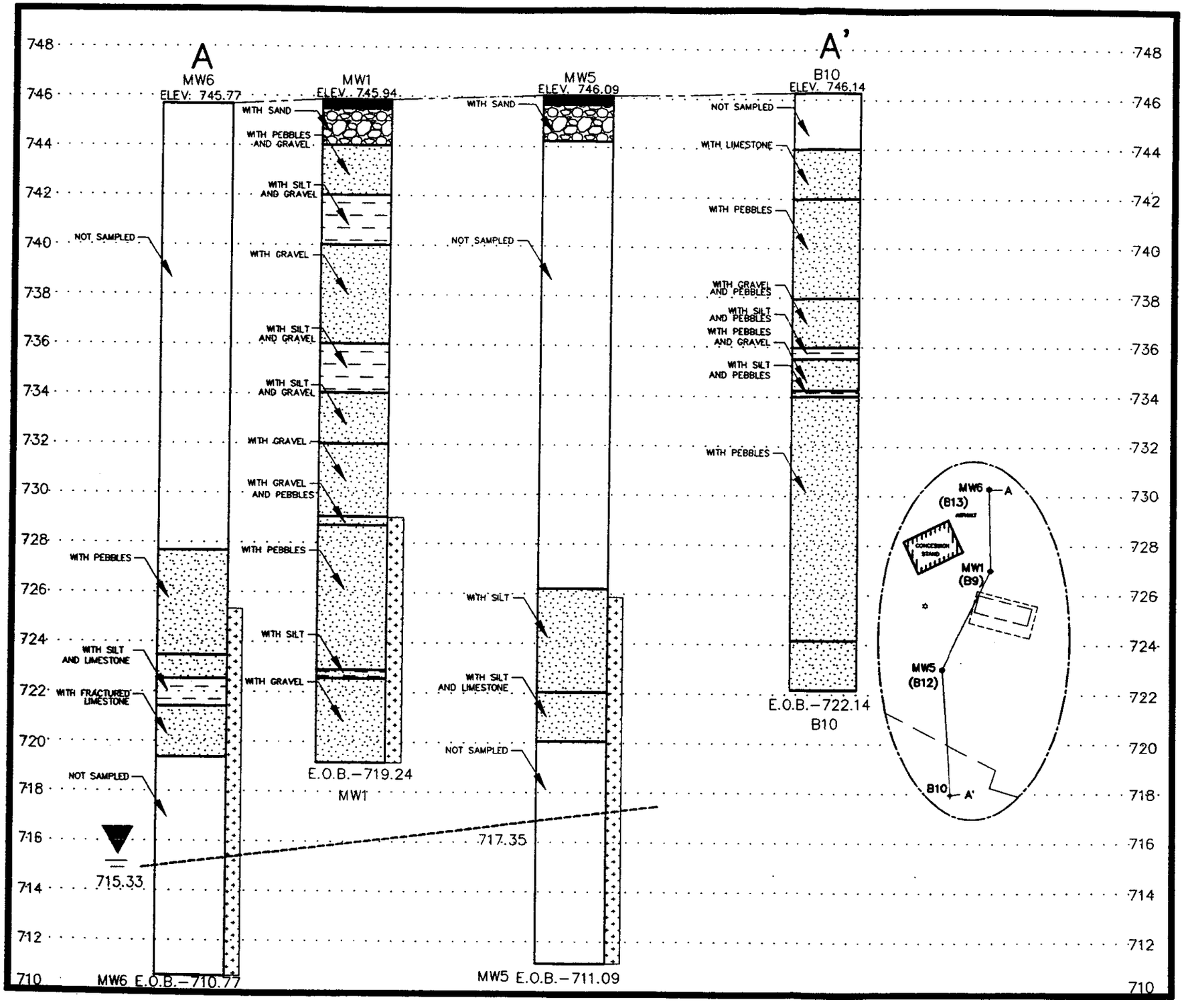
FIGURE 7
ESTIMATED EXTENT OF REMAINING SOIL CONTAMINATION

CASCO MIDDLE SCHOOL
619 CHURCH AVENUE
CASCO, WISCONSIN 54205

OMNI ASSOCIATES

PROJECT:	N1026B94
CAD FILE:	N1026B5.DWG
DRAWN:	DLD
DATE:	11/5/2003
SCALE:	1"= 50'

ONE SYSTEMS DRIVE APPLETON, WISCONSIN 54914-1654
PHONE : (920) 735-6900 FAX : (920) 830-6100



LEGEND:

4 FT.
SCALE 1" = 4'
20 FT.
SCALE 1" = 20'

SAND

CLAY

ASPHALT

GRAVEL

SCREENED INTERVAL

SURFACE ELEVATION LINE

WATER TABLE (7/21/94)

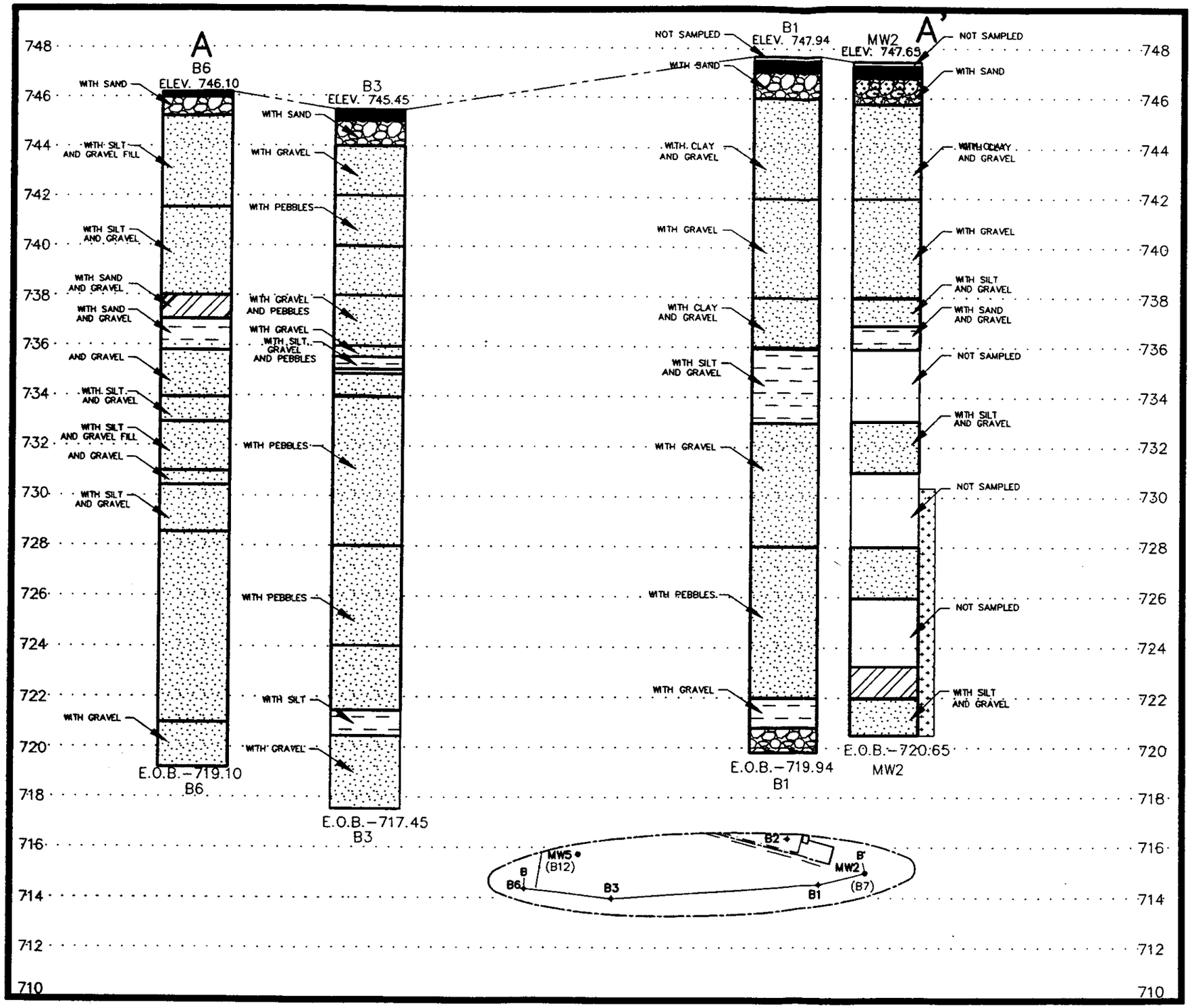
FIGURE 4
DIAGRAMMATIC CROSS–SECTION
OF STRATIGRAPHY FROM A TO A'

CASCO MIDDLE SCHOOL
619 CHURCH AVENUE
CASCO, WISCONSIN 54205

OMNI ASSOCIATES

PROJECT :	N1026B94
CAD FILE:	N1026B3.DWG
DRAWN :	DLD
REVIEWED :	
DATE :	8/1/94

303 SOUTH BLUEMOUND DRIVE APPLETON, WI 54914
PHONE : (414) 739–7814 FAX : (414) 739–7765



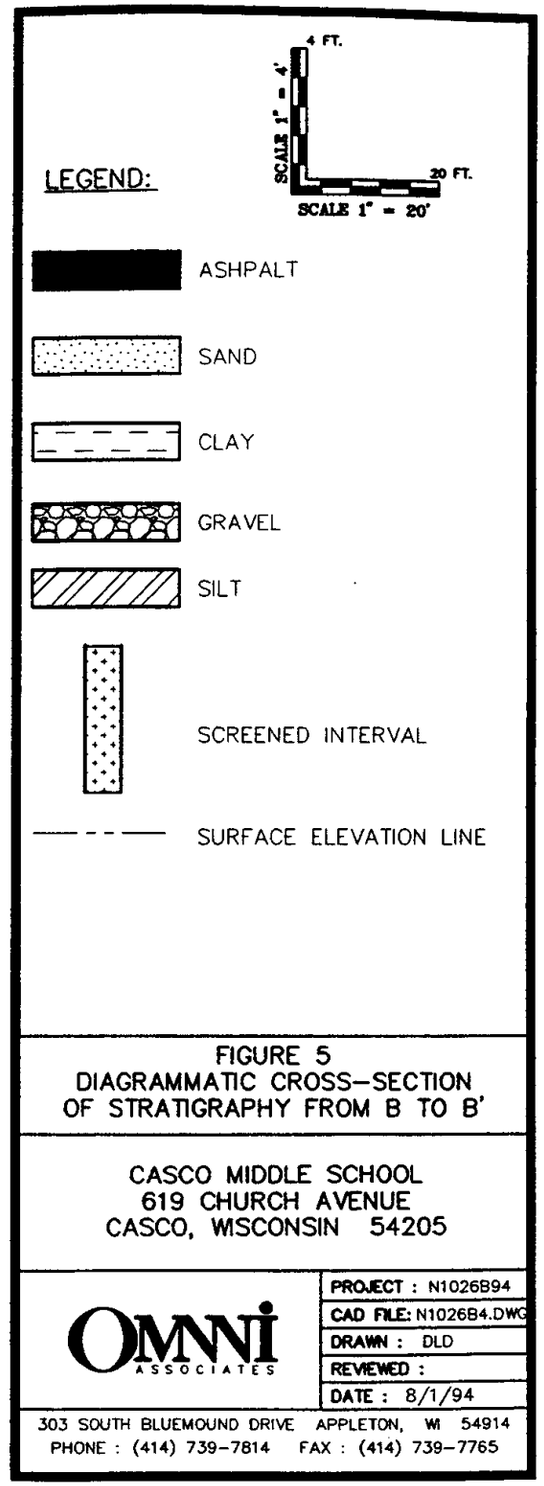


FIGURE 5
DIAGRAMMATIC CROSS–SECTION
OF STRATIGRAPHY FROM B TO B'

CASCO MIDDLE SCHOOL
619 CHURCH AVENUE
CASCO, WISCONSIN 54205

OMNNI ASSOCIATES

PROJECT :	N1026B94
CAD FILE:	N1026B4.DWG
DRAWN :	DLD
REVIEWED :	
DATE :	8/1/94

303 SOUTH BLUEMOUND DRIVE APPLETON, WI 54914
PHONE : (414) 739–7814 FAX : (414) 739–7765

Affidavit by Responsible Party

On behalf of the Luxemburg-Casco School District, the responsible party for the Luxemburg-Casco Middle School contamination investigation and remediation, BRRTS #03-31-001684 and Commerce #54205-9716-19, I hereby state that I have attached the legal description for the property that is within the contaminated site boundary.

Janice DeMeuse, Business Mgr. 12/3/03

Janice DeMeuse

(signed) (dated)